



ELSEVIER

Scientia Horticulturae 59 (1994) 310–312

SCIENTIA
HORTICULTURÆ

Contents of *Scientia Horticulturae*, Volume 59

VOL. 59 NO. 1

SEPTEMBER 1994

Freeze avoidance in green and white asparagus spears D.J. Makus (Booneville, AR, USA), J.A. Anderson (Stillwater, OK, USA) and T.L. Springer (Booneville, AR, USA)	1
Paternal and maternal effects on fruit and seed characteristics in cherimoya (<i>Annona cherimola</i> Mill.) T.L. Kahn, C.J. Adams and M.L. Arpaia (Riverside, CA, USA)	11
Photosynthesis, water relations and leaf growth of cucumber exposed to salt stress K.S. Chartzoulakis (Chania, Crete, Greece)	27
Matric and osmotic priming of <i>Echinacea purpurea</i> (L.) Moench seeds W.G. Pill, C.K. Crossan, J.J. Frett and W.G. Smith (Newark, DE, USA)	37
Effects of duration and degree of pulse-DIF temperatures on plant height and flowering of <i>Kalanchoë blossfeldiana</i> v. Poelln. H.E. Kresten Jensen (Årslev, Denmark)	45
Short communications	
Flowering of tomato in vivo and in vitro in relation to the original position of the axillary bud on the main axis R.L.M. Pierik, J.A. Dieleman and E. Heuvelink (Wageningen, Netherlands)	55
Effects of pruning on carbohydrate distribution in the trunk of sweet cherry (<i>Prunus avium</i> L.) D. Clair-Maczulajtys, C. Sarthou and G. Bory (Paris, France)	61
Selection of efficient vesicular arbuscular mycorrhizal fungi for inoculating the mango rootstock cultivar 'Nekkare' B. Reddy and D.J. Bagyaraj (Bangalore, India)	69
Biological efficiency of supplementary lighting on cut roses the year round N. Bredmose (Aarslev, Denmark)	75
Book reviews	
Horticultural reviews	83
New crops	85

VOL. 59 NO. 2

SEPTEMBER 1994

A model of the effects of temperature on the growth and development of cauliflower (<i>Brassica oleracea</i> L. <i>botrytis</i>) S. Pearson, P. Hadley and A.E. Wheldon (Reading, UK)	91
Comparison of two models for the prediction of rest completion in peaches	

U·M·I

SHOULD READ VOLUME 59, NUMBER 2, OCTOBER
1994 AND VOLUME 59, NUMBERS 3-4 NOVEMBER
1994.



G.C. Linsley-Noakes (George, South Africa) and P. Allan (Pietermaritzburg, South Africa)	107
Effect of nitrogen fertilization and organ removal on rebudding in <i>Opuntia ficus-indica</i> (L.) Miller	
A. Nerd and Y. Mizrahi (Beer-Sheva, Israel)	115
Crop load effects on floral quality in olive	
J. Cuevas, L. Rallo and H.F. Rapoport (Córdoba, Spain)	123
Prediction of flowering rose shoot development based on air temperature and thermal units	
C.C. Pasian and J.H. Lieth (Davis, CA, USA)	131
The effects of addition of <i>Trichoderma</i> inocula on flowering and shoot growth of bedding plants	
M.A. Ousley, J.M. Lynch and J.M. Whipps (Littlehampton, UK)	147
Short communications	
Seed and fruit set of the lateral suppressor mutant of tomato	
S.P.C. Groot, L.C.P. Keizer, W.d. Ruiter and J.J.M. Dons (Wageningen, Netherlands)	157
Evaluation of RAPD marker consistency for detection of polymorphism in apricot	
Y. Gogorcena (Madrid, Spain) and D.E. Parfitt (Davis, CA, USA)	163
Book review	
Breeding for stress tolerance	169

VOL. 59 NOS. 3-4**SEPTEMBER 1994**

Phylogeny of eggplant and related <i>Solanum</i> species constructed by allozyme variation	
S. Isshiki, H. Okubo and K. Fujieda (Fukuoka, Japan)	171
Effects of temperature and daylength on bolting of leek (<i>Allium porrum</i> L.)	
H.-J. Wiebe (Hannover, Germany)	177
Relationship between light microclimate, fruit growth, fruit quality, specific leaf weight and N and P content of spur leaves of 'Bartlett' and 'Anjou' pear	
F. Kappel and G.H. Neilsen (Summerland, B.C., Canada)	187
Adventitious rooting in chestnut: an anatomical investigation	
S. Biricolti, A. Fabbri, F. Ferrini and P.L. Pisani (Florence, Italy)	197
Active participation of the root/shoot transition region treated with triiodobenzoic acid in basipetal transport of ¹⁴ C-indole-3-acetic acid and ethylene evolution in the stem of apple seedlings	
M.J. Grochowska, U. Dziæciol and A. Miszczak (Skierniewice, Poland)	207
A simplified model for predicting evapotranspiration rate of nine ornamental species vs. climate factors and leaf area	
M. Baille (Rungis, France), A. Baille (Montfavet, France) and J.C. Laury (Angers, France)	217
Effects of day/night temperature variations on growth, morphogenesis and flowering of <i>Kalanchoe blossfeldiana</i> v. Poelln. at different CO ₂ concentrations, daylengths and photon flux densities	
L.M. Mortensen (Ås, Norway)	233
Overcoming poor germination in Australian daisies (Asteraceae) by combinations of gibberellin, scarification, light and dark	
K.V. Bunker (Cleveland, Qld., Australia)	243
In vitro floral development in \times <i>Doriella</i> Tiny (<i>Doritis pulcherrima</i> \times <i>Kingiella philippinensis</i>)	
J.X. Duan and S. Yazawa (Sakyo-ku, Kyoto, Japan)	253

A comparison study on stem elongation of several greenhouse plants L. Bertram and P. Karlsen (Frederiksberg, Denmark)	265
Respiratory and carbohydrate changes during ethylene-mediated flower induction in Dutch iris H. Imanishi, A.H. Halevy, A.M. Kofranek, S. Han and M.S. Reid (Davis, CA, USA)	275
Short communications	
The performance of plants from aged seeds of cowpea (<i>Vigna unguiculata</i> (L) Walp) at different plant populations J.A. Oladiran (Minna, Nigeria)	285
Relationship of molecular mobility of water with floral malformation in mango as assessed by nuclear magnetic resonance K. Usha, P.N. Gambhir, H.C. Sharma, A.M. Goswami and B. Singh (New Delhi, India)	291
Improved longevity of onion (<i>Allium cepa</i> L.) seeds by immersing in hexylene glycol D.K. Pandey (Jabalpur M.P., India)	297
Book review	
Plant biochemical regulators	303
Corrigendum	305
Author Index	307

*Contents (continued)***Book review**

Plant biochemical regulators 303

Corrigendum 305**Author Index**..... 307**Contents of *Scientia Horticulturae* Volume 59** 310

